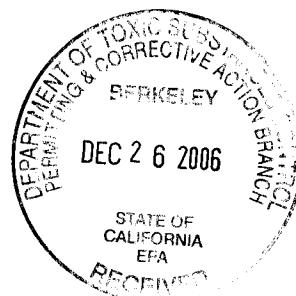


**ECS REFINING
STANDARDIZED PERMIT RENEWAL APPLICATION**

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- VIII. Emergency Response and Contingency Plan
- IX. Closure Plan and Closure Cost Estimate
- X. Certifications
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 - Certificate of Insurance
 - Certificates of Deposit for Closure Cost Fund



Attachments

- A DTSC Form 1093A and Hazardous Waste Units Summary Sheet
- B DTSC Form 1176 – Environmental Information Form
- C DTSC Form 1195 – Community Profile Form and Mailing List
- D City of Santa Clara Zoning Verification
- E Professional Engineer's Certifications

SECTION I

FACILITY IDENTIFICATION AND SITING INFORMATION

SECTION I – FACILITY IDENTIFICATION / LOCATION

A. FACILITY IDENTIFICATION

List the following information for this facility:

1. Facility name

ECS Refining

2. EPA ID number

CAD 003 963 592

3. Address (street, city, state, county, zip code)

**705 Reed Street
Santa Clara, CA 95050**

4. Telephone number

(408) 988-4386

5. Describe the facility land use designation and surrounding land use, including any schools, residences, hospitals, parks, etc.

ECS Refining is located in an area zoned for Heavy Industry. Surrounding businesses are a mixture of light and heavy industry, and include a drop forge, several automobile repair facilities and dismantlers, a cement contractor, a stained glass manufacturer, and a boat repair facility.

Santa Clara University is located within one mile, and a city baseball park is located within 0.5 miles. A residential area is 0.25 miles away from the facility.

6. Provide environmental data of the facility, e.g. the depth to groundwater, distance to nearest surface water.

A perched aquifer is located 10-30 feet below ground surface, but this ground water is not beneficially used. A deep aquifer exists at approximately 200 feet below ground surface and is used for drinking water by the City of Santa Clara. The nearest municipal well is located at 1501 De La Cruz Boulevard, approximately 1,800 feet to

the southeast of the facility. It is screened from 558-810 feet below ground surface.

The nearest surface water is the Guadalupe River, located approximately 2.5 miles northeast of the facility. This river flows to the Alviso Slough at the southern extreme of the San Francisco Bay. It is not beneficially used for irrigation or recreation.

Is this operation plan for a proposed facility or for the renewal of an existing standardized permit?

This operation plan is for the renewal of an existing standardized permit. Operations indicated in the permit issued to ECS Refining on December 30, 1997 will continue.

- If this is an operation plan for a proposed (new) facility, please briefly describe the hazardous waste management activities that would be authorized under the standardized permit (e.g., "consolidating used oil", "removing gold from wastewater", etc).
- If this is an operation plan for a renewal, describe what is being proposed as changes from the existing permit, with regard to the facility and/or its operations.

This standardized permit renewal does not represent a change in the scope of ECS Refining's operations. However, several previously permitted hazardous waste treatment units have been removed from this application, since they do not process hazardous waste. These are the Unit #12, Storage Area III; Unit #16, Shredder A; and Unit #22, Reverberatory Furnace. Unit #8, Solder Pot and Unit #17, 3000 Pot, have been closed. In addition, three tanks that were part of Unit #1, Photochemical Processing Unit, will be removed before the permit is renewed. The storage capacity of Unit #10, Storage Area I, and Unit #13, Storage Area IV, are reduced. Unit #27, E-Waste and Printed Circuit Board Shredding Unit, has been added to this permit, as has Unit #28, CRT Glass Washing Unit.

B. PREPARER OF STANDARDIZED PERMIT APPLICATION

Provide the following information regarding the person(s) preparing the facility's standardized permit application:

1. Name of the firm, if applicable
2. Name(s) and title(s) of the person(s) responsible for preparation of the operation plan

Beverly Pester, Environmental Consultant

3. Work telephone number(s) of the person(s) responsible

(541) 753-1400 or (408) 988-4386

4. Date and original signatures of the person(s) responsible

C. OWNER / OPERATOR SIGNATURES AND CERTIFICATION

Provide **original signatures and date** of the facility owner and facility operator:

1. The following facility operator certification is required under California Code of Regulations (CCR), title 22, section 66270.11(d):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I further certify that the property owner has been informed that a hazardous waste facility will be operated on the premises. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Original signed by James L. Taggart

Owner, Print Name and Signature	Date
Original signed by James L. Taggart	
Operator, Print Name and Signature	Date
Original signed by Beverly Pester	
Preparer of Application, Print Name and Signature	Date

D. FACILITY LOCATION MAP AND SITE LAYOUT DIAGRAM

Provide a map showing where the facility is located and a scaled diagram, showing the general layout of the facility. This diagram must show the following, if applicable:

1. Legal property boundaries of the facility

2. All buildings and areas such as secondary containment, occupied by all storage and treatment units
3. Include the name of each operation (e.g., Tank Farm A, Drum Storage Area #1, etc.)
4. The approximate dimensions of the property boundaries and of each storage and treatment area
5. Security provisions (e.g., fences, gates, etc.)
6. Permanent access and internal roads

E. LEGAL DESCRIPTION OF PROPERTY

Furnish a written legal description of the property occupied by the facility. A legal description may be obtained from the local county recorder or from a title company.

F. CONFIDENTIALITY REQUESTS AND JUSTIFICATIONS

In accordance with CCR, title 22, section 66260.2, any information submitted to DTSC may be claimed as confidential by the submitter. Any such claim shall be asserted at the time of submission. If no claim is made at the time of submission, DTSC may make the information available to the public without further notice.

If any of the information provided in the Operation Plan is to be construed to be a "trade secret" within the meaning of Section 25173, California Health and Safety Code, the trade secret item(s) must be clearly identified "Confidential: Trade Secret" in the Plan. All unmarked items will be available for public review without notice to the facility owner and/or operator. If only parts of the Plan or of a given supporting document are confidential, the following should be provided: two complete copies of the document with the confidential items marked and one copy with the confidential items deleted.

For each specific trade secret item, the following questions must be answered in a written attachment to the plan:

1. How long is the item to be considered a trade secret?

The information marked in this operation plan that are marked "Confidential—Trade Secret" are to be considered such for the life of the permit. The information considered trade secret is that having to do with the specifics of Unit #28, CRT Glass Washing Unit.

2. What measures have been employed by the company to maintain that item as a trade secret?

No information on the CRT Glass Washing Unit has been released outside of the employees of ECS Refining Texas, LLC and its consultants.

3. Who else has received a copy of the item and what measures were taken with respect to distribution of that copy to maintain the item as a trade secret?

No companies or individuals not employed by ECS Refining Texas, LLC dba ECS Refining have been provided information about the CRT Glass Washing Unit. ECS Refining maintains a copy of the operation plan with the section(s) pertaining to the unit excised.

4. What decision (if any) has been made by any other government agency regarding the confidentiality of the item?

As of November 2007 no other government agencies have been contacted regarding this unit. However, they are expected to honor the confidentiality of this information.

5. What will be the substantial harm to the company's competitive position from disclosure of the trade secret item? Include specific information about what the harm would be and why it should be considered substantial, as well as information about the relationship between disclosure and harm.

There are no other known companies in the United States that have designed and installed CRT Glass Washing equipment. The unit will be uniquely designed and disclosure of its specific mode of operation will allow other companies to copy ECS Refining's design specifications. Washing the CRT glass increases the scope of available recyclers for the CRT glass and allows an increased likelihood of recycling the glass domestically.

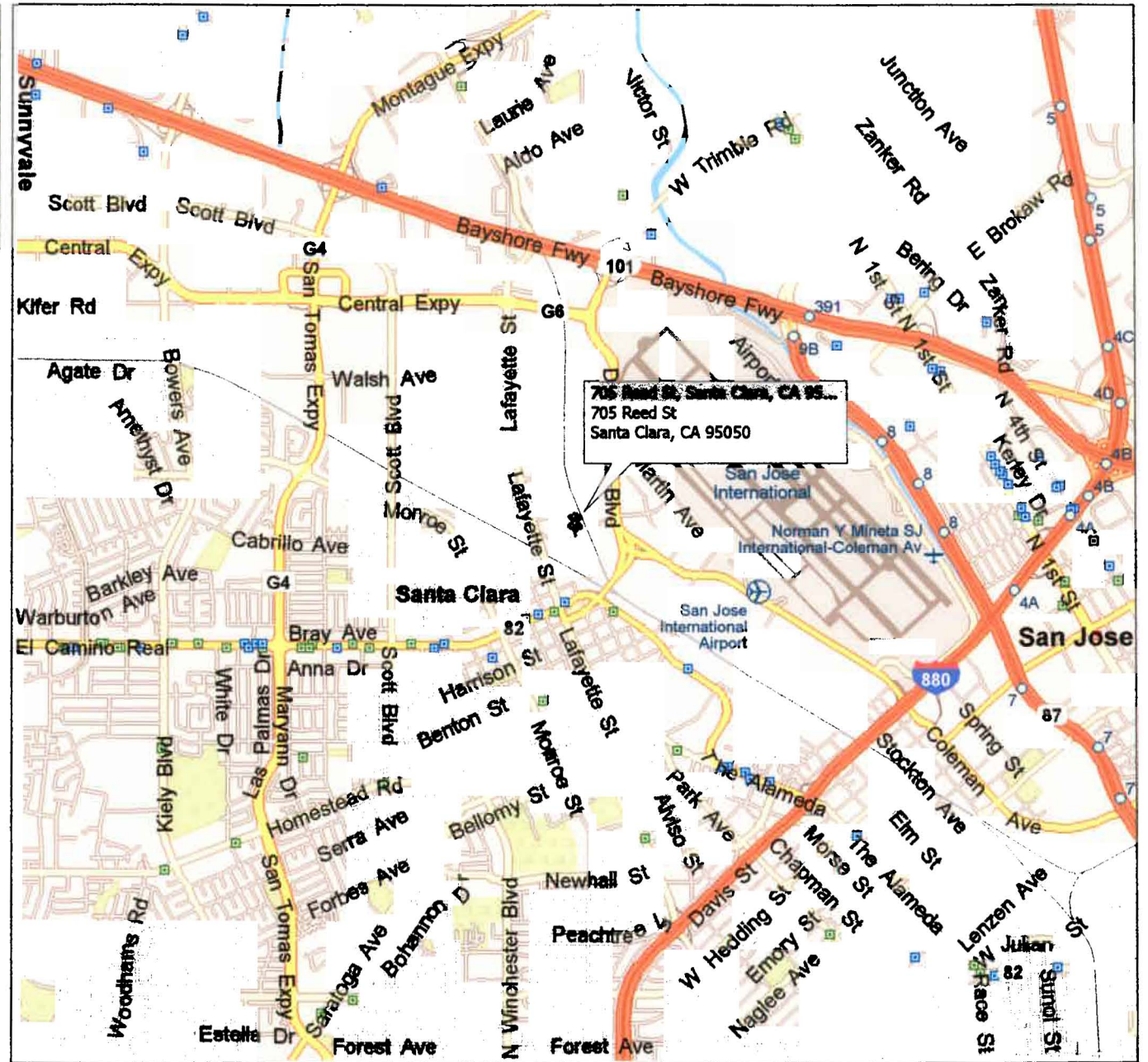
DTSC'S MANAGEMENT OF TRADE SECRET INFORMATION: The two copies of the Plan and supporting documents submitted to DTSC, that contain a trade secret item for which the above questions have been answered, will be maintained in controlled files. The copy with the trade secrets deleted will be placed in a file that is open for public inspection.

San Jose, California, United States

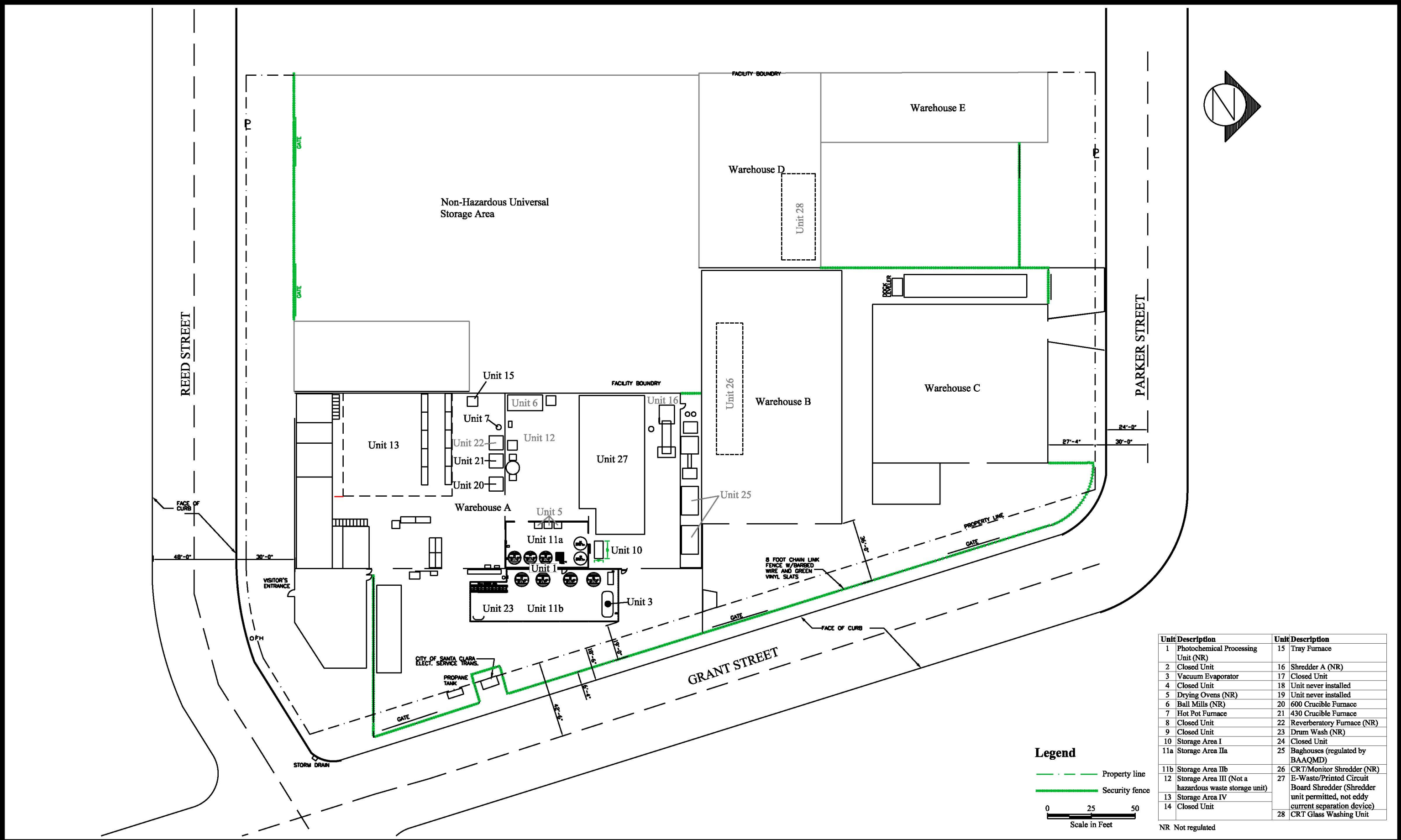


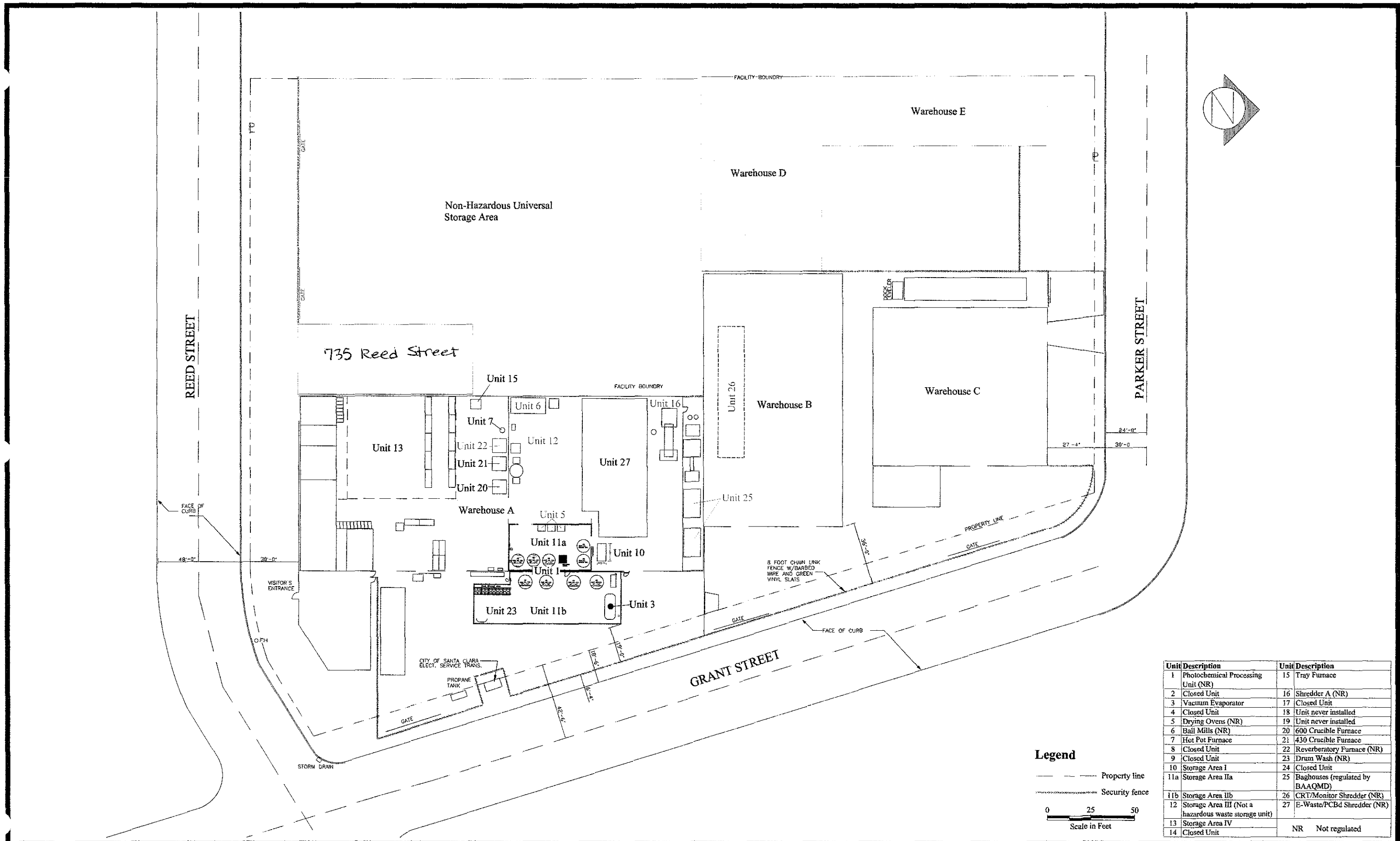
Pushpins

My Pushpins



0 mi 0.5 1 1.5





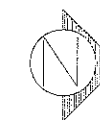
Unit	Description	Unit	Description
1	Photochemical Processing Unit (NR)	15	Tray Furnace
2	Closed Unit	16	Shredder A (NR)
3	Vacuum Evaporator	17	Closed Unit
4	Closed Unit	18	Unit never installed
5	Drying Ovens (NR)	19	Unit never installed
6	Ball Mills (NR)	20	600 Crucible Furnace
7	Hot Pot Furnace	21	430 Crucible Furnace
8	Closed Unit	22	Reverberatory Furnace (NR)
9	Closed Unit	23	Drum Wash (NR)
10	Storage Area I	24	Closed Unit
11a	Storage Area IIa	25	Baghouses (regulated by BAAQMD)
11b	Storage Area IIb	26	CRT/Monitor Shredder (NR)
12	Storage Area III (Not a hazardous waste storage unit)	27	E-Waste/PCBd Shredder (NR)
13	Storage Area IV		
14	Closed Unit		NR Not regulated

Legend

--- Property line

--- Security fence

0 25 50
Scale in Feet

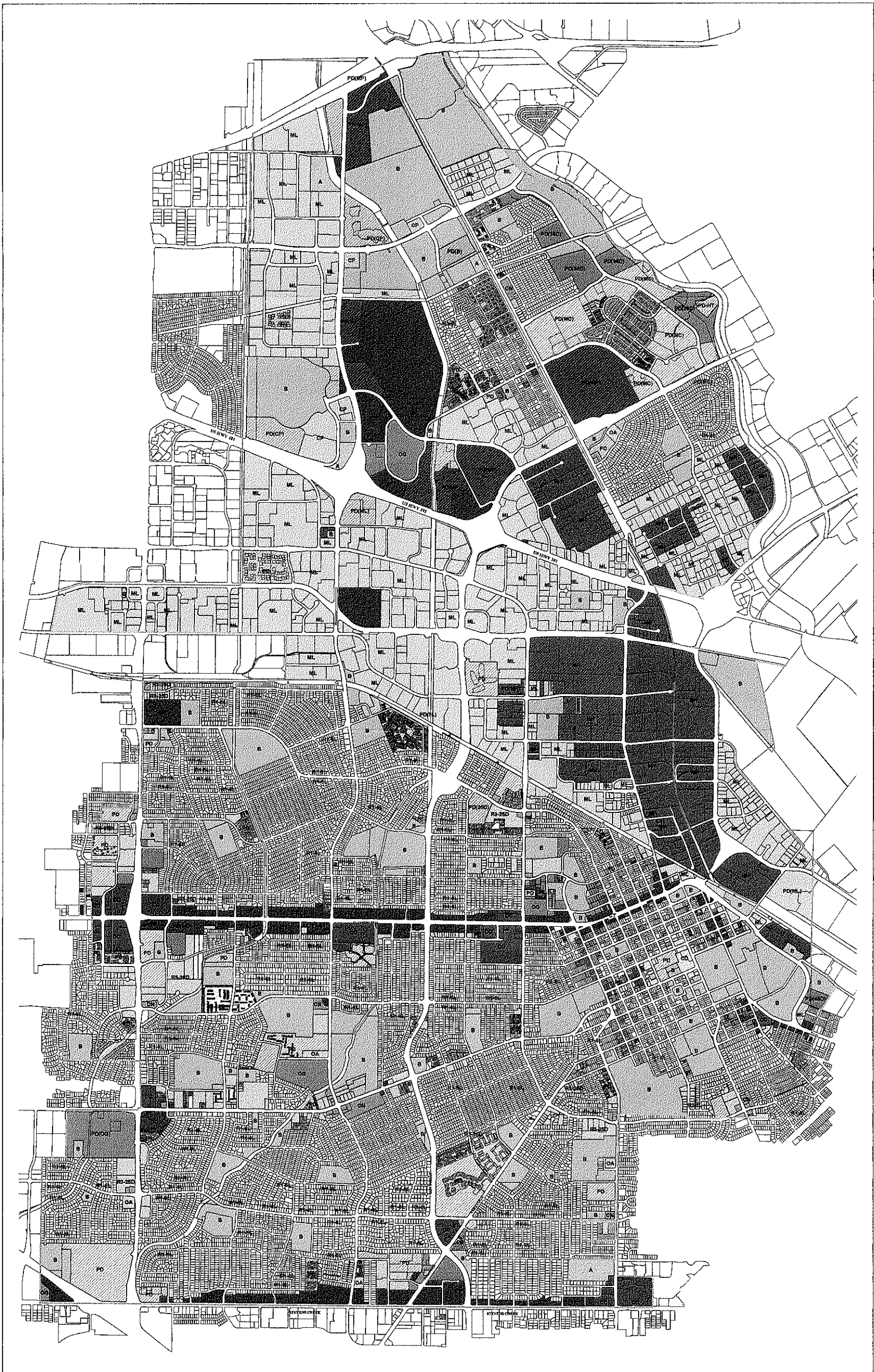


CITY OF SANTA CLARA

ZONING MAP

GENERAL PLAN – LAND USE ELEMENT

CITY OF SANTA CLARA, CALIFORNIA



RESIDENTIAL

- R1-6L - Single Family
- R1-8L - Single Family
- R2-7L - Duplex
- R3-18D - Low-Density Multiple Dwelling
- R3-26D - Moderate-Density Multiple Dwelling
- R3-36D - Medium-Density Multiple Dwelling
- R3-HD - High-Density Multiple Dwelling - Central Business District

COMMERCIAL

- CC - Community Commercial
- CD - Downtown Commercial
- CN - Neighborhood Commercial
- CP - Commercial Park
- CT - Thoroughfare Commercial
- OA - Professional and Administrative Office
- OG - General Office

INDUSTRIAL

- ML - Light Industrial
- MH - Heavy Industrial
- MP - Planned Industrial

PUBLIC AND OPEN SPACES

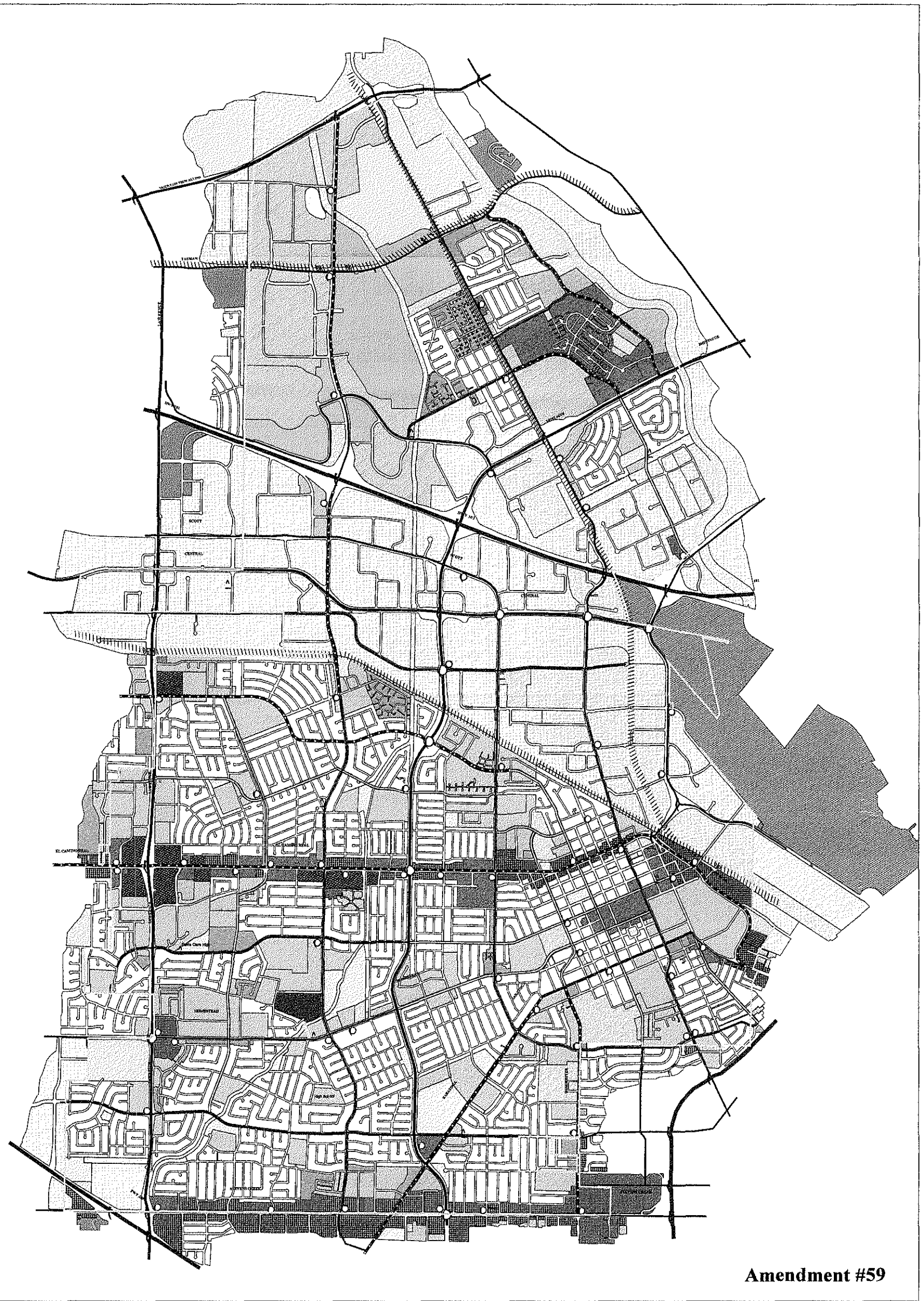
- A - Agriculture
- B - Public or Quasi-public

MIXED USE

- MU - Mixed Use
- MC - Master Planned Community
- HT - Historic Combining
- PD - Planned Development Combining

CITY OF SANTA CLARA, CALIFORNIA

General Plan - Land Use Element



Amendment #59

- | | | | | | | |
|---|--|--|---|--|---|---|
| SERVICES
○ Service
○ Convenience
△ Fire
% Transit Station

H Historically Significant Resource | RESIDENTIAL
□ Single Family Detached
▨ Single Family Attached
▩ Moderate Density Residential
▩ Medium Density Residential
▩ High Density Residential | COMMERCIAL
▩ Gate Thoroughfare
▩ Thoroughfare
▩ Community & Regional Shopping
▩ Tourist
▩ Office | INDUSTRIAL
□ Light Industrial
▩ Heavy Industrial
□ Industrial Transition
▩ Office/Research & Development | MIXED USE
▩ Mixed Use
▩ Transit-Oriented Mixed Use
▩ Med. Density Res. &/or Parks & Rec. &/or Inst.
▩ Transit/Station/Airport | PUBLIC & OPEN SPACE
▩ Institutional
▩ Education
□ Open Space
▩ Parks & Recreation
□ Retention Basin | TRANSPORTATION
— Expressways
— Freeways
— Thoroughfares
— Thoroughfare with Landscaped Median
— Transit
— Collector
INTERCHANGES
— Existing
— Proposed |
|---|--|--|---|--|---|---|

Date: 2001
Scale: 1" = 1/2" Miles
Author: JEC
Prepared by: Planning
Title: General Plan
Santa Clara, CA 95050
950 787 8001

2,000 0 2,000 4,000 6,000
Feet

This map is informational only. No representation is made or warranty given as to its content. Users assume all risk of use. The City of Santa Clara shall not be liable for any actions taken or omissions made from reliance on any information contained herein.

CITY OF SANTA CLARA ZONING CODE SUMMARY

RI-6L — single family (6,000 sq. ft.)
RI-8L — single family (8,000 sq. ft.)
R2-7L — duplex
R3-18D — low density apartment
R3-25D — moderate density apartment
R3-36D — medium density apartment
R3-M — mobile home park

CN — neighborhood commercial
CC — community commercial
CT — thoroughfare commercial
CD — downtown commercial
CP — commercial park
CR — commercial recreation
MP — planned industrial
ML — light industrial
MH — heavy industrial

OA — professional office
OG — general office

HT — historic combining
R3-RV — recreational vehicle park

A — agricultural
B — public (schools, parks, golf courses, churches, etc.)

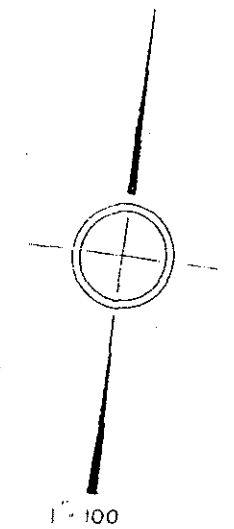
* Accessory unit (use permit approved)

PD — planned development

ECS REFINING

FACILITY LEGAL DESCRIPTION

PROPERTY BOUNDARIES



BK
230

ECS REFINING

PARCEL 1
&
PARCEL 12



ASSESSOR'S PARCEL MAP

SHOWING LEGAL FACILITY BOUNDARY

COMPILED IN CONFORMANCE WITH SEC. 327

OF THE REVENUE & TAXATION CODE

EFFECTIVE DATE - MARCH 1, 1989

ALFRED E. CARLSON - ASSESSOR

LEGAL DESCRIPTION

DESCRIPTION

All that certain parcel of land situate⁷ in the City of Santa Clara, County of Santa Clara, State of California, described as follows:

Beginning at the most Southerly corner of the parcel of land described as Parcel No. 1 in the Deed from E.J. Rimple et ux, to the City of Santa Clara recorded November 28, 1945 in Book 1313 of Official Records, at page 179, Records of Santa Clara County, California; thence from said point of beginning, N. 23 deg. 58 min. 50 sec. W. along the Westerly line of the said Parcel No. 1, 230.74 feet; thence leaving said line, S. 82 deg. 52 min. W. 126.00 feet to a 3/4 inch iron pipe; thence at a right angle S. 7 deg. 08 min. E. 257.00 feet to the Northerly line of Parcel No. 2, as described in said Deed; thence N. 82 deg. 52 min. E. along said line, 134.80 feet to an angle point therein; thence continuing along said Northerly line N. 50 deg. 57 min. 30 sec. E. 68.41 feet to the point of beginning.

Being a portion of Block 13, as shown upon the Map of Laurelwood Farm, which Map was filed in the office of the Recorder of the County of Santa Clara, State of California, March 13, 1924 in Book "S" of Maps, at page 8, containing 0.94 of an acre more or less.

EXHIBIT "A"

LEGAL DESCRIPTION

The land referred to in this Deed of Trust is situated in the State of California, County of Santa Clara, City of Santa Clara, described as follows:

A portion of Lots 14, 17, 18 and 21, in Block 13, as shown upon that certain Map entitled "Laurelwood Farm Subdivision", which Map was filed for record in the Office of the Recorder of the County of Santa Clara, State of California, on March 13, 1924, in Book S of Maps, at pages 7 and 8, and more particularly described as follows:

Beginning at a 3/4 inch iron pipe set at the point of intersection of the Southwesterly line of Grant Street, with the Southeasterly line of Parker Street, as said lines were established by Parcel One in the Deed from E. J. Rimple, et ux, to City of Santa Clara, a Municipal Corporation, dated November 16, 1945, recorded November 28, 1945, in Book 1313 of Official Records, page 178, Santa Clara County Records; running thence from said point of beginning South 23 degrees 58' 50" East and along the said Southwesterly line of Grant Street, for a distance of 230.82 feet to a 3/4 inch iron pipe set at the Northernmost corner of that certain parcel of land described in the Deed from A.B.C. Manufacturing Co., to F. Lester Forsyth et al, dated July 20, 1954, recorded July 22, 1954 in Book 2920 of Official Records, page 346, Santa Clara County Records; thence leaving the said Southwesterly line of Grant Street and running South 82 degrees 52' West and along the Northwesterly line of land so described in the deed to said Forsyth and its Southwesterly prolongation thereof, for a distance of 196.76 feet; running thence North 7 degrees 10' West, for a distance of 220.84 feet to a point on the said Southeasterly line of Parker Street; running thence North 82 degrees 50' East and along the said Southeasterly line of Parker Street, for a distance of 130.00 feet to the Point of Beginning.

APN/ARB 224-38-012

COMMONLY KNOWN AS:

710 Parker Street
Santa Clara, CA

EXHIBIT A

REAL PROPERTY in the City of Santa Clara, County of Santa Clara, State of California, described as follows:

That portion of Block 13, as shown on that certain Map entitled "Laurelwood Farm Subdivision," which Map was filed for record in the office of the Recorder of the County of Santa Clara, State of California on March 13, 1924, in Book S of Maps page(s) 7 and 8, more particularly described as follows:

Beginning at a point on the Southeasterly line of Parker Street as said line was established by Parcel No. 1 in the Deed from E.J. Rimple, et ux, to the City of Santa Clara, dated November 16, 1945, and recorded on November 28, 1945 in Book 1313 of Official Records, page 178, Santa Clara County Records; said point of beginning being the Northwestern corner of that certain 0.828 acre parcel of land described in the Deed from A.B.C. Manufacturing Co., a corporation, to Gordon J. Hecker, et ux, dated January 21, 1955, and recorded January 21, 1955 in Book 3064 of Official Records, page 533, Santa Clara County Records; thence along said Southeasterly line of Parker Street S. 82° 50' W. 100.00 feet; thence parallel with the Westerly line of said 0.828 acre tract, S. 7° 10' E. 220.84 feet; thence parallel with said Southeasterly line of Parker Street N. 82° 50' E. 100 feet to the Southwesterly corner of said 0.828 acre tract; thence along the Westerly line of said 0.828 acre tract, N. 7° 10' W. 220.84 feet to the point of beginning.

APN: 224-38-011